
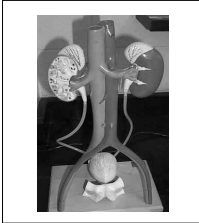


NAACCR Hospital Registry Webinar Series

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Abstracting Urinary System Cancer Incidence and Treatment Data



Collaborative Staging


Urinary System Sites



CS Schemas


Urinary System Sites

- **Renal Pelvis and Ureter**
 - ◆ CS version 01.03.00 part II pages 461-464
- **Bladder**
 - ◆ CS version 01.03.00 part II pages 465-470




CS Tumor Size

| CODE | DESCRIPTION |
|---------|--|
| 000 | No mass found |
| 001-988 | Exact size in mm |
| 989 | 989 mm or larger |
| 990 | Microscopic focus or foci only |
| 991 | Less than 1 cm |
| 992 | Less than 2 cm OR greater than 1 cm OR between 1 cm and 2 cm |
| 993 | Less than 3 cm OR greater than 2 cm OR between 2 cm and 3 cm |
| 994 | Less than 4 cm OR greater than 3 cm OR between 3 cm and 4 cm |
| 995 | Less than 5 cm OR greater than 4 cm OR between 4 cm and 5 cm |
| 999 | Unknown |



CS Tumor Size

- **Examples**
 - ◆ Urothelial carcinoma in 3 bladder tumors; 3 cm, 2.5 cm, and 1.8 cm in size
 - ◆ CS tumor size = 030
 - ◆ 3.5 to 4 cm transitional cell carcinoma of the ureter
 - ◆ CS tumor size = 040
 - ◆ Microscopic focus of papillary transitional cell carcinoma, right ureter
 - ◆ CS tumor size = 990



| CS Extension Renal Pelvis & Ureter | |
|---------------------------------------|-----------------|
| ■ Note | |
| <u>Extension</u> | <u>Behavior</u> |
| 00 | 2 |
| 05 | 2 |
| 10 | 3 |
| NAACCR | |

| CS Extension Renal Pelvis & Ureter | |
|---|--|
| ■ Code 00 | |
| ◆ Carcinoma in situ, NOS | |
| ◆ Non-invasive, intraepithelial | |
| ■ Code 05 | |
| ◆ Papillary noninvasive carcinoma | |
| ■ Code 10 | |
| ◆ Subepithelial connective tissue invaded | |
| ■ Code 20 | |
| ◆ Muscularis invaded | |
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| CS Extension Renal Pelvis & Ureter | |
|--|--|
| ■ Code 30 | |
| ◆ Localized, NOS | |
| ■ Code 35 | |
| ◆ Extension to ureter from renal pelvis | |
| ■ Code 40 | |
| ◆ Extension to adjacent tissue | |
| ◆ Peripelvic/periureteric tissue | |
| ◆ Retroperitoneal soft/connective tissue | |
| NAACCR | |

CS Extension
Renal Pelvis & Ureter

■ Code 60

◆ Renal pelvis only

◆ Ipsilateral kidney parenchyma and kidney, NOS

■ Code 62

◆ OBSOLETE


■ Code 63

◆ Psoas muscle from ureter

■ Code 65

◆ Extension to bladder from ureter

◆ Implants in ureter



CS Extension
Renal Pelvis & Ureter

■ Code 66

◆ Extension to major blood vessels

◆ Aorta

◆ Renal artery/vein

◆ Vena cava (inferior)


◆ Tumor thrombus in renal vein, NOS

■ Code 67

◆ Adrenal gland from renal pelvis

■ Code 68

◆ Duodenum from right renal pelvis or right ureter



CS Extension
Renal Pelvis & Ureter

■ Code 70

◆ Extension to

◆ Ascending colon from right renal pelvis

◆ Bladder (wall or mucosa) from renal pelvis

◆ Colon, NOS

◆ Descending colon from left renal pelvis


◆ Ipsilateral kidney parenchyma from ureter

◆ Liver

◆ Pancreas


◆ Perinephric fat via kidney

◆ Spleen

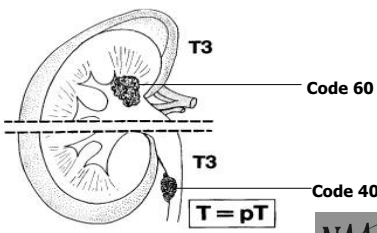



CS Extension Renal Pelvis & Ureter

- **Code 75**
 - ◆ Ascending colon from right ureter
 - ◆ Descending colon from left ureter
- **Code 80**
 - ◆ Further contiguous extension, including
 - For ureter
 - Prostate
 - Uterus




CS Extension Renal Pelvis & Ureter








CS Extension Bladder - Notes


1. Distinguishing noninvasive and invasive bladder cancer
2. Definite statements of non-invasion (extension code 01)
3. Inferred descriptions of non-invasion (extension code 03)
4. Terms lamina propria and submucosa are used interchangeably





| | |
|---|-----------------|
| <p align="center">CS Extension Bladder</p> | |
| <p>5. Definitions for invasion of mucosa grade 1 or grade 2 vary by pathologist</p> | |
| 6. <u>Extension</u> | <u>Behavior</u> |
| 01-06 | 2 |
| 10 | 2 or 3 |
| 15 or greater | 3 |
|  | |


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| <p align="center">CS Extension Bladder</p> | |
| <p>7. Code 10, confined to mucosa</p> | |
| <p>a. Confined to mucosal surface</p> | |
| <p>b. Limited to mucosa, no invasion of submucosa and muscularis</p> | |
| <p>c. No infiltration/invasion of fibromuscular and muscular stroma</p> | |
| <p>d. Superficial, NOS</p> | |
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| <p align="center">CS Extension Bladder</p> | |
| 8. <u>Extension</u> | <u>Description</u> |
| 01 or 03 | Confined to mucosa AND papillary |
| 10 | Confined to mucosa |
| 9. <u>Extension</u> | <u>Description</u> |
| 40 | Periureteral = portion of ureter intramural to bladder |
| 60 | All other periureteral involvement |
|  | |


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| | <h3 style="text-align: center;">CS Extension Bladder</h3> <ul style="list-style-type: none"> ■ Code 01 <ul style="list-style-type: none"> ◆ Papillary transitional cell carcinoma, stated to be noninvasive papillary non-infiltrating ◆ TNM/AJCC Ta ◆ Jewett-Strong-Marshall Stage 0 ■ Code 03 <ul style="list-style-type: none"> ◆ Papillary transitional cell carcinoma, with inferred description of non-invasion  |
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| | <h3 style="text-align: center;">CS Extension Bladder</h3> <ul style="list-style-type: none"> ■ Code 06 <ul style="list-style-type: none"> ◆ Sessile carcinoma in situ ◆ Carcinoma in situ, NOS ◆ Transitional cell carcinoma in situ ◆ TNM/AJCC Tis ◆ Jewett-Strong-Marshall CIS ■ Code 10 <ul style="list-style-type: none"> ◆ Confined to mucosa, NOS  |
|--|---|

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| | <h3 style="text-align: center;">CS Extension Bladder</h3> <ul style="list-style-type: none"> ■ Code 15 <ul style="list-style-type: none"> ◆ Invasive tumor confined to subepithelial connective tissue ◆ TNM/AJCC T1 ◆ Jewett-Strong-Marshall Stage A ■ Code 20 <ul style="list-style-type: none"> ◆ Muscle invaded, NOS ■ Code 21 <ul style="list-style-type: none"> ◆ Muscle invaded <ul style="list-style-type: none"> ◆ Superficial muscle, inner half  |
|--|--|


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| | <h3 style="text-align: center;">CS Extension Bladder</h3> <ul style="list-style-type: none"> ■ Code 22 <ul style="list-style-type: none"> ◆ Muscle invaded <ul style="list-style-type: none"> ◆ Deep muscle, outer half ■ Code 23 <ul style="list-style-type: none"> ◆ Extension through full thickness of bladder wall ■ Code 30 <ul style="list-style-type: none"> ◆ Localized, NOS  |
|--|---|

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| | <h3 style="text-align: center;">CS Extension Bladder</h3> <ul style="list-style-type: none"> ■ Code 40 <ul style="list-style-type: none"> ◆ Adventitia ◆ Extension to/through serosa ◆ Peritoneum ◆ Periureteral fat/tissue ◆ Perivesical fat/tissue, NOS ■ Code 41 <ul style="list-style-type: none"> ◆ Extension to perivesical fat (microscopic)  |
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| | <h3 style="text-align: center;">CS Extension Bladder</h3> <ul style="list-style-type: none"> ■ Code 42 <ul style="list-style-type: none"> ◆ Extension to perivesical fat (macroscopic) ◆ Extravesical mass ■ Code 45 <ul style="list-style-type: none"> ◆ Stated as T4, NOS ■ Code 60 <ul style="list-style-type: none"> ◆ Prostate ◆ Ureter ◆ Urethra, including prostatic urethra  |
|--|--|


CS Extension Bladder

- Code 65
 - ♦ Parametrium
 - ♦ Rectovesical/Denonvilliers' fascia
 - ♦ Vas deferens; seminal vesicle
- Code 67
 - ♦ Uterus
 - ♦ Vagina



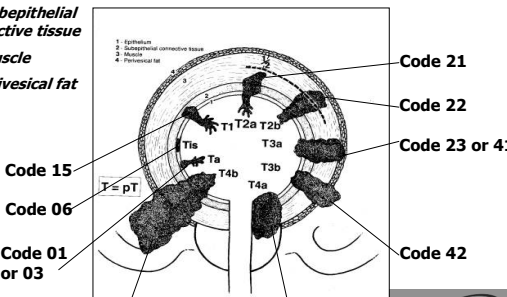
CS Extension Bladder

- Code 70
 - ♦ Bladder is FIXED
- Code 75
 - ♦ Abdominal wall
 - ♦ Pelvic wall
- Code 80
 - ♦ Further contiguous extension including
 - ♦ Pubic bone
 - ♦ Rectum, male
 - ♦ Sigmoid



CS Extension Bladder

1 – Epithelium
2 – Subepithelial connective tissue
3 – Muscle
4- Perivesical fat



Code 15

Code 06

Code 01 or 03


Code 21


Code 22


Code 23 or 41


Code 42


Code 70, 75, or 80 Code 60, 65, or 67





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| | <p style="text-align: center;">CS Extension Urinary System Sites</p> <ul style="list-style-type: none"> ■ Code 95 <ul style="list-style-type: none"> ◆ No evidence of primary tumor ■ Code 99 <ul style="list-style-type: none"> ◆ Unknown extension ◆ Primary tumor cannot be assessed ◆ Not documented in patient record <p style="text-align: right;"></p> |
|--|---|

| | <p style="text-align: center;">CS Tumor Size/Ext Eval Urinary System Sites</p> <table style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><u>Code</u></th> <th style="text-align: left;"><u>Description</u></th> </tr> </thead> <tbody> <tr><td>0</td><td>Clinical only</td></tr> <tr><td>1</td><td>Invasive techniques</td></tr> <tr><td>2</td><td>Autopsy (known or suspected dx)</td></tr> <tr><td>3</td><td>Pathology</td></tr> <tr><td>5</td><td>Pre-op tx; clinical eval</td></tr> <tr><td>6</td><td>Pre-op tx; pathologic eval</td></tr> <tr><td>8</td><td>Autopsy (tumor unsuspected)</td></tr> <tr><td>9</td><td>Unknown</td></tr> </tbody> </table> <p style="text-align: right;"></p> | <u>Code</u> | <u>Description</u> | 0 | Clinical only | 1 | Invasive techniques | 2 | Autopsy (known or suspected dx) | 3 | Pathology | 5 | Pre-op tx; clinical eval | 6 | Pre-op tx; pathologic eval | 8 | Autopsy (tumor unsuspected) | 9 | Unknown |
|-------------|---|-------------|--------------------|---|---------------|---|---------------------|---|---------------------------------|---|-----------|---|--------------------------|---|----------------------------|---|-----------------------------|---|---------|
| <u>Code</u> | <u>Description</u> | | | | | | | | | | | | | | | | | | |
| 0 | Clinical only | | | | | | | | | | | | | | | | | | |
| 1 | Invasive techniques | | | | | | | | | | | | | | | | | | |
| 2 | Autopsy (known or suspected dx) | | | | | | | | | | | | | | | | | | |
| 3 | Pathology | | | | | | | | | | | | | | | | | | |
| 5 | Pre-op tx; clinical eval | | | | | | | | | | | | | | | | | | |
| 6 | Pre-op tx; pathologic eval | | | | | | | | | | | | | | | | | | |
| 8 | Autopsy (tumor unsuspected) | | | | | | | | | | | | | | | | | | |
| 9 | Unknown | | | | | | | | | | | | | | | | | | |

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| | <p style="text-align: center;">CS Lymph Nodes Renal Pelvis & Ureter</p> <ul style="list-style-type: none"> ■ Note <ul style="list-style-type: none"> ◆ Measure the size of the metastasis, not the size of the lymph node, when determining codes 10-30 <p style="text-align: right;"></p> |
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| | <h3 style="text-align: center;">CS Lymph Nodes Renal Pelvis & Ureter</h3> <ul style="list-style-type: none"> ■ Code 00 <ul style="list-style-type: none"> ◆ No regional lymph node involvement ■ Code 10 <ul style="list-style-type: none"> ◆ Single regional lymph node, less than or equal to 2 cm <ul style="list-style-type: none"> ◆ Renal pelvis <ul style="list-style-type: none"> • Aortic • Paracaval • Renal hilar • Retroperitoneal, NOS • Regional lymph node, NOS  |
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| | <h3 style="text-align: center;">CS Lymph Nodes Renal Pelvis & Ureter</h3> <ul style="list-style-type: none"> ■ Code 10 (continued) <ul style="list-style-type: none"> ◆ Single regional lymph node, less than or equal to 2 cm <ul style="list-style-type: none"> ◆ Ureter <ul style="list-style-type: none"> • Iliac, NOS • Lateral aortic • Paracaval • Pelvic, NOS • Periureteral • Renal hilar • Retroperitoneal, NOS • Regional lymph nodes, NOS  |
|--|---|

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| | <h3 style="text-align: center;">CS Lymph Nodes Renal Pelvis & Ureter</h3> <ul style="list-style-type: none"> ■ Code 20 <ul style="list-style-type: none"> ◆ Regional lymph nodes as listed in code 10 ◆ Single regional lymph node greater than 2-5 cm ◆ Multiple regional nodes, none greater than 5 cm ◆ Examples <ul style="list-style-type: none"> ◆ Renal pelvis primary; 1/3 renal hilar nodes, 3.5 cm metastasis ◆ Ureter primary; 3/3 common iliac nodes, largest metastasis is 1.3 cm  |
|--|---|

CS Lymph Nodes

Renal Pelvis & Ureter

■ Code 30

- ◆ **Regional lymph nodes as listed in code 10**
- ◆ **Regional lymph node(s), at least 1 greater than 5 cm**
- ◆ **Examples**
 - ◆ **Renal pelvis primary; 1/1 paracaval node, 6 cm metastasis**
 - ◆ **Ureter primary; 3/5 paracaval nodes, size of metastasis 1.2, 2.1, and 5.1 cm**

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CS Lymph Nodes

Renal Pelvis & Ureter

■ Code 50

- ◆ **Regional lymph node(s), NOS (size and/or number not stated)**
- ◆ **Example**
 - ◆ **Renal pelvis primary; CT scan documents malignant regional lymph nodes**
 - ◆ **Ureter primary; 3/3 metastatic periureteral lymph nodes**



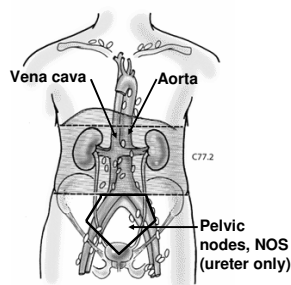
Regional Lymph Nodes

Renal Pelvis

Renal hilar
Aortic (pre-, peri-, retro-)
Paracaval
Interaortocaval
Retroperitoneal, NOS

Ureter

- Renal hilar
- Aortic (pre-, peri-, retro-)
- Paracaval
- Interaortocaval
- Iliac (common, internal, external)
- Periureteral
- Pelvic, NOS (see bladder)




CS Lymph Nodes
Bladder

■ Note

1. Code only regional nodes and nodes, NOS, in this field


2. Measure the size of the metastasis, not the size of the lymph node, when determining codes 10-30



CS Lymph Nodes
Bladder

■ Code 00

◆ No regional lymph node involvement



CS Lymph Nodes
Bladder

■ Code 10

◆ Regional lymph nodes

◆ Perivesical

◆ Iliac


- Internal
 - Obturator
- External
- Iliac, NOS

◆ Sacral

◆ Pelvic, NOS


◆ Regional lymph node(s), NOS


◆ Single regional lymph node less than or equal to 2 cm




NAACCR Webinar Series: Collaborative Staging Urinary Tract

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| | |
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| | <h3 style="text-align: center;">CS Lymph Nodes Bladder</h3> <ul style="list-style-type: none"> ■ Code 20 <ul style="list-style-type: none"> ◆ Single regional lymph node greater than 2 cm and less than or equal to 5 cm ◆ Multiple regional nodes, none greater than 5 cm ◆ Example <ul style="list-style-type: none"> • Bladder primary; 1/1 pelvic node, 2.3 cm metastasis • Bladder primary; 3/3 sacral nodes, largest metastasis is 1.3 cm  |
|--|--|

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| | <h3 style="text-align: center;">CS Lymph Nodes Bladder</h3> <ul style="list-style-type: none"> ■ Code 30 <ul style="list-style-type: none"> ◆ Regional lymph node(s), at least one greater than 5 cm ◆ Example <ul style="list-style-type: none"> • Bladder primary; 1/1 pelvic node, 5.3 cm metastasis • Bladder primary; multiple regional nodes, largest metastasis 6.0 cm  |
|--|--|

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|--|---|
| | <h3 style="text-align: center;">CS Lymph Nodes Bladder</h3> <ul style="list-style-type: none"> ■ Code 50 <ul style="list-style-type: none"> ◆ Regional lymph node(s), NOS (size and/or number not stated) ◆ Example <ul style="list-style-type: none"> • Bladder primary; CT scan documents involvement of pelvic nodes  |
|--|---|

Bladder Lymph Nodes

Bladder

Regional Lymph Nodes

- Perivesical (A)
- Iliac, internal (hypogastric) (B)
- Obturator (C)
- Iliac, external (D)
- Sacral (E), presacral
- Pelvic, NOS (all nodes within shadowed area)

Distant Lymph Nodes

- Iliac, common (F) Code 10

CS Lymph Nodes Urinary System Sites

- Code 80
 - ◆ Lymph nodes, NOS
- Code 99
 - ◆ Unknown; not stated
 - ◆ Regional lymph nodes cannot be assessed
 - ◆ Not documented in patient record


CS Reg Node Eval Urinary System Sites


| Code | Description |
|------|---------------------------------|
| 0 | Clinical only |
| 1 | Invasive techniques |
| 2 | Autopsy (known or suspected dx) |
| 3 | Pathology |
| 5 | Pre-op tx; clinical eval |
| 6 | Pre-op tx; pathologic eval |
| 8 | Autopsy; tumor not suspected |
| 9 | Unknown |


| | |
|-------------------------|--|
| Regional Nodes Positive | |
| Code | Description |
| 00 | Nodes negative |
| 01-89 | 1-89 nodes positive |
| 95 | 90 or more nodes positive |
| 95 | Positive aspiration or core biopsy of LN |
| 97 | Positive nodes, number unspecified |
| 98 | No nodes examined |
| 99 | Unknown |
| NAACCR | |

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|-------------------------|--|
| Regional Nodes Examined | |
| Code | Description |
| 00 | No nodes examined |
| 01-89 | 1-89 nodes examined |
| 90 | 90 or more nodes examined |
| 95 | No regional nodes removed, but aspiration or core biopsy of lymph nodes |
| 96 | Regional node sampling, number unknown |
| 97 | Regional node dissection, number unknown |
| 98 | Regional nodes removed, number unknown, not documented as sampling or dissection; nodes examined, number unknown |
| 99 | Unknown |
| NAACCR | |

| | |
|--|--|
| CS Mets at DX Renal Pelvis & Ureter | |
| ■ Code 00 | |
| ♦ No; none | |
| ■ Code10 | |
| ♦ Distant lymph nodes | |
| ■ Code 40 | |
| ♦ Distant metastases except code 10 | |
| ♦ Distant metastasis, NOS | |
| ♦ Carcinomatosis | |
| NAACCR | |

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| | <p style="text-align: center;">CS Mets at DX Renal Pelvis & Ureter</p> <ul style="list-style-type: none"> ■ Code 50 <ul style="list-style-type: none"> ◆ (40) + (10) ■ Code 99 <ul style="list-style-type: none"> ◆ Unknown if distant metastasis ◆ Cannot be assessed ◆ Not documented in patient record <p style="text-align: right;"></p> |
|--|--|

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|--|---|
| | <p style="text-align: center;">CS Mets at DX Bladder</p> <ul style="list-style-type: none"> ■ Code 00 <ul style="list-style-type: none"> ◆ No; none ■ Code 10 <ul style="list-style-type: none"> ◆ Distant lymph nodes: common iliac ■ Code 11 <ul style="list-style-type: none"> ◆ Distant lymph nodes, NOS ◆ Specified distant lymph nodes other than code 10 <p style="text-align: right;"></p> |
|--|---|

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| | <p style="text-align: center;">CS Mets at DX Bladder</p> <ul style="list-style-type: none"> ■ Code 40 <ul style="list-style-type: none"> ◆ Distant metastases except distant lymph nodes ◆ Distant metastasis, NOS ◆ Carcinomatosis ■ Code 50 <ul style="list-style-type: none"> ◆ (40) + any of [(10) or (11)] ■ Code 99 <ul style="list-style-type: none"> ◆ Unknown ◆ Distant metastasis cannot be assessed ◆ Not documented in patient record <p style="text-align: right;"></p> |
|--|--|

| CS Mets Eval Urinary System Sites | |
|--------------------------------------|---------------------------------|
| Code | Description |
| 0 | Clinical only |
| 1 | Invasive techniques |
| 2 | Autopsy (known or suspected dx) |
| 3 | Pathology |
| 5 | Pre-op tx; clinical eval |
| 6 | Pre-op tx; pathologic eval |
| 8 | Autopsy AND dx not suspected |
| 9 | Unknown |



| CS SSF1 – SSF6 Urinary System Sites | |
|--|--|
| ■ Code 888 | |
| ◆ Not applicable for these sites | |



| Quiz | |
|------|--|
|------|--|